

Abstract of the Disclosure

Brush Head for a Toothbrush

The invention is directed to a brush head for a toothbrush, which includes a handpiece with a drive mechanism for the brush head, with an in particular disk- or plate-shaped bristle support which carries an array of bristles, is mounted for movement on a brush head support and includes connecting elements for coupling to the drive mechanism in the handpiece of the toothbrush, said bristle support being divided into several bristle support segments movable relative to each other, and with driving elements changing the position of the bristle support segments relative to each other in dependence upon the position of the entire bristle support. According to the invention the driving elements causing relative movement of the bristle support segments comprise a cam control surface as well as an engagement element cooperating therewith, which are provided on the brush head support and at least one bristle support segment in order to move said at least one bristle support segment correspondingly on movement of the bristle support about its axis of motion. By providing a cam surface, the basic movement of the entire bristle support relative to the brush head support is utilized for additionally driving individual bristle support segments, so that these individual bristle support segments execute an additional movement that is superposed upon the basic movement of the bristle support.

(FIG. 2)

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